July-30-12 10:1	6:38 AM											
Revision ID:	D3914-1		*N900040100						etup Star Stop	* * N	S1*	
Start Date:	27/07/2012	Start Qty: 4.00	*4*		Cust Item	ID:					. 17	
Required Date:	10/08/2012	Req'd Qty: 4.00	*4*		Customer:							
Reference:			-									
Approvals:	Process Pla	n: MLJ	Date: 12/02/30	Tooling:	D	ate:		R	tun Start Stop	"NRT"		
				SPC (Y/N):	Date:				Stop	' *N	R2*	
Sequence ID/ Work Center II)	Operation Description	······································	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp	
Draw Nbr	Rev	ision Nbr										
D3914	В	· · · · · · · · · · · · · · · · · · ·										
100				0.00						· · · · · · · · · · · · · · · · · · ·		
100 Large Fab		Memo		0.00					<u> </u>	-03-04	PD	
Large Fab		1- Cut tube 2- debur an	as per dwg D3914 d remove identification mark	kings								
110		QC6- Inspect dimension	ns to drawing	0.00						. 1		
110 QC		Memo		0.00)	4 13	03-04	
Quality Control												
120		Identify as per dwg & St	tock Location:WA.004	0.00							٥.	
120 Packaging Packaging		Мето		0.00					100 15	o-63-04	1 10	

									DQA:	Date:				
NCR: Yes	s / No				WORK ORDER NON-CONFORMANCE / UPDATE QA Clos					Date:				
Work Order:					DISPOSITION		AGAINST DEPARTMENT/PROCESS							
			Rework		Skid-tube	Crosstube		Water Jet	Engineering					
Part No.	•				Scrap] 	Machining	Small Fab	Proc	d. Eng. Coor.	Quality			
NCR No.					Use-as-is Work Order Update	4 1	Thermoforming Finishing Large Fab Composite			re/Packaging Supplier	Other			
Root				Descri	iption of work order update	Initial	А	ction	Sign &					
Cause	Date	Step	Qty		or Non-conformance	Chief Eng	Des	cription	Date	Verification	QC Inspector			
Doc/Data														
Equip/Tooling]													
Operator]						:				,			
Material	1													
Setup	1				•									
Other	1										·			
Process	7													
Supplier	1													
Training	7													

Landing Gear General Pressure/Forced Bending Bend Grain Ovalized BOM/Route Temperature/Cure Centre Not Concentric to O/S Hardware Over/Under tolerance Broken/Damaged Inspection Incomplete Part Incorrect Cracks Weld Crushed/Crimped_ Burrs Instructions Incomplete/Unclear Wrong Stock Pulled Part Lost/Missing Cuffs Contamination Maintenance Part Moved Countersink Positioned Wrong Mislabeled Heat Treat Inspection Strip in Tube Misread Power Loss/Surge Other Cut Too Short Ripples in Bend Drill Holes Offset Torque Waves in Extrusion Drawing Out of Calibration Turning Sequence Finish Out of Sequence Folio Wave/Twist in Tube Outside Dimensions

FAULT CATEGORY

Unapproved

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Quality Control

Page 2 July-30-12 10:16:58 AM Item ID: D3914-1 Accept Setup Start **Revision ID:** Item Name: Rib **Start Date:** 27/07/2012 Start Qty: 4.00 **Cust Item ID: Required Date:** 10/08/2012 Req'd Qty: 4.00 **Customer:** Reference: Run Approvals: Process Plan: ____ Date: Tooling: Date: ___ Stop Date: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Tool # Plan Reject Tool ID Reject Accept Insp. Work Center ID Description Run Hours Number Stamp Code Qty Qty 130 QC21- Final Inspection - Work Order Release 0.00 *130* QC 0.00 Memo

NCI	:	Yes /	No		WORK ORDER NON-CO	NFORM <i>A</i>	ANCE / UPDATE
Wor	Ord	lor.			DISPOSITION		AGAINS

Description of work order update

or Non-conformance

Rework

Use-as-is

Work Order Update

Scrap

Skid-tube

Machining

Large Fab

Action

Description

Thermoforming

Initial

Chief Eng

ATE	DQA:	Da	ate: _	
	QA Closed:	Da	ate:	
AGAINST DE	PARTMENT	/PROCESS		
Crosstube Small Fab Finishing Composite	i	Water Jet d. Eng. Coor re/Packaging Supplie		Engineering Quality Other
on otion	Sign & Date	Verification	on	QC Inspector
nclear	Ovalized Over/Under Part Incorred Part Lost/Mi Part Moved Positioned V Power Loss/	ct issing Vrong		Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other

andi	ng Gear	General		
	Bending	Bend	Grain	Ovalized Pressure/Forced
	Centre Not Concentric to O/S	BOM/Route	Hardware	Over/Under tolerance Temperature/Cu
	Cracks	Broken/Damaged	Inspection Incomplete	Part Incorrect Weld
	Crushed/Crimped	Burrs	Instructions Incomplete/Uncle	ear Part Lost/Missing Wrong Stock Pul
	Cuffs	Contamination	Maintenance	Part Moved
	Heat Treat	Countersink	Mislabeled .	Positioned Wrong
	Inspection Strip in Tube	Cut Too Short	Misread	Power Loss/Surge Other
	Ripples in Bend	Drill Holes	Offset	
	Torque Waves in Extrusion	Drawing	Out of Calibration	
	Turning Sequence	Finish	Out of Sequence	
	Wave/Twist in Tube	Folio	Outside Dimensions	

FAULT CATEGORY

Part No.

NCR No.

Date

Step

Qty

Root

Cause Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved

Picklist Print

July-30-12 10:17:02 AM

Work Order ID: 88645

Parent Item: D3914-1

Parent Item Name: Rib

88645

D3914-1

Start Date: 27/07/2012

Required Date: 10/08/2012

Start Qty: 4.00

Required Qty: 4.00

Comments:

IPP Rev:A new issue DD 10.03.19 verified by:EC

IPP Rev:B

as per dwg revB DD 10.08.18 verified by:EC

IPP Rev:C 11.01.18 chg

qc5 to 6 DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status	-
M304TS0.750W.049		Purchased	No			100	f	322.4533	8	33.68421	,			_
*N/20/TC(75011/	040 *							**					Dr

101.304 | 50 / 5000 049

304 SQ Tube .75x.75x.049W

Location	Loc Qty	Loc Code	1 2 2 2 2
MAT017	1.0078107		M1234184 -> 184.21105
121898	1.0078107		
MAT018	320.3829959		
119147	2		
119643	3.30639585		
121439	12.45		
122201	2.6266		
122425	300		
WA034	1.0625		
121087	1.0625		

				DQA:	Date:	
NCR:	Yes /	No	WORK ORDER NON-CONFORMANCE / UPDATE	-		

									QA Closed:	Date	<u>:</u>
Work Orde	er:				DISPOSITION		AGAINST DEPARTMENT/PROCESS				
Part N	-				Rework Scrap Use-as-is	Ther	Skid-tube Machining moforming	Crosstube Small Fab Finishing	Water Jet Prod. Eng. Coor. Rec/Store/Packaging		Engineering Quality Other
NCR No.					Work Order Update] ''''	Large Fab	Composite	Nec/Stol	Supplier	
Root	t Descr				ption of work order update	Initial	Act	tion	Sign &		
Cause	Date	Step	Qty	(or Non-conformance	Chief Eng	Desc	ription	Date	Verification	QC Inspector
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other		ŀ									
Process		1									
Supplier											
Training											
Unapproved				· · · · · · · · · · · · · · · · · · ·			<u> </u>				
	***					AULT CAT	EGORY				
Landir	ng Gear			_	General				1	Г.	_
	Bending			<u> </u>	Bend	Grain		<u> </u>	Ovalized	<u> </u>	Pressure/Forced
	Centre N	ot Conce	ntric to (o/s _	BOM/Route	Hardw			Over/Under	—	Temperature/Cure
	Cracks				Broken/Damaged	—	tion Incomplete		Part Incorre	<u> </u>	Weld
	Crushed/	Crimped.		<u> </u>	Burrs	—	tions Incomplete/	Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled
	Cuffs			<u> </u>	Contamination	\vdash	enance		Part Moved		
1	Heat Trea			<u> </u>	Countersink	Mislab		<u> </u>	Positioned V		
,	Inspectio	•	Tube	<u> </u>	Cut Too Short	Misrea			Power Loss/	Surge	Other
1	Ripples in			<u> </u>	Drill Holes	Offset					
}	Torque V			\	Drawing		Calibration				
,	Turning S	=			Finish	\vdash	Sequence				
i	Wave/Tw	vist in Tul	oe .	1	Folio	I lOutsid	e Dimensions				

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